

MEMORANDUM.

UTAH DEPARTMENT OF TRANSPORTATION

DATE: December 11, 2002

TO : Those on the attached list

FROM : Howard Anderson, P.E.
Engineer For Pavements

SUBJECT: Utah Pavement Council

Date: December 19, 2002
Location: UDOT Complex, Conference Rooms Next To Large Conf. Rm First Floor
Address: 4501 South 2700 West
Salt Lake City, UT 84119
Time: 1:00 PM to 4:00 PM

The next Utah Pavement Council meeting is scheduled as shown above.

Attendance October 16th Meeting:

Rob Duncan, Joe Johnson, Troy Peterson, Mohammad Rahman, Mike Worischeck, Mitzi McIntyre, Chris Winkler, Cameron Petersen, Grant Wiley, Wade Betenson, Glenn Waite, Karen Kiggins, Todd Laker, and Howard Anderson.

The following ground rules are recommended for our group: 1. Participate by providing your agenda items and reviewing the specifications or procedures and making comments. 2. Bring your reviewed copy of the draft. 3. Come on time and stay and participate as best you can. 4. Stay on task during discussions. 5. Keep personal grips to a minimum. 6. Keep side conversations during breaks only.

Notes from October 16, 2002 Meeting:

1. **Welcome-** Howard Anderson - **Up date on internet status of the Utah Pavement Council.** The site seems to be working fine; we will probably just include the meeting notes and announcements on the internet for now. There was some desire for lunch to be provided at the next meeting in December.
2. **National Partnership For Highway Quality Award** - Howard Anderson - The Utah Pavement Council was nominated for a Silver award. We need to select members from UDOT and the Industry to go to an Awards Luncheon in Salt Lake City on November

14th to receive this award. Howard will put together the presentation and make the arrangements for the award luncheon.

3. **Film Thickness Discussion:** - Mohammad Rahman - Follow up from the last meeting. See the meeting notes on this item. Mohammad passed out a good summary spread sheets on this. Thank you for putting this together for us Mohammad. It was discussed that the aggregate film thickness was a function of the surface area factors for a particular aggregate studied by the Asphalt Institute. The numbers are simply an estimation of the surface area. Since we have no good way to actually measure this parameter it was decided to look back again to the voids and VMA as our best alternative to check the HMA mixture. We discussed the use of the Hamburg Rut Test and will look to use it more in place of the Lottman durability test and APA rutting tests. We talked also about the Lime issue and the water content with the slurry.
4. **Up date on task force for 02969 - Optional Use of Reclaimed Asphalt Pavement (PG Grade Projects Only)** - Murari Pradhan - Cameron discussed the changes and how the specification worked. The Table was modified to make it more clear. We also decided not to require the RAP to be separated into specific piles. The changes would be sent out and reviewed at the next meeting.
5. **VMA, Summary of Data from other states on the standard deviation** - Howard Anderson. This discussion will help us choose the required limits we use for VMA acceptance in the field. We went over the data provided by Howard and decided our limits were similar to the other states. Howard was asked to email his report to the Pavement Council Members (which he did on October 17th). After quite a bit of discussion no clear conclusions were arrived at but some thought we should make the specification more symmetrical with respect to the upper and lower limits. The RME's would make some recommendations on this subject.
6. **Open Graded Surface Course** - We had some discussion on how this material can go into reject quickly (Table 1 on page 3 of 10) and the contractor can loose a weeks or more worth of bonus in just one days lot. Sampling as always is a key part of the HMA testing. Mike Worischeck said he could look at the 106th South project to see how it is working with the specification.
7. **Sieves for Aggregate Gradation Control** - Wade Betenson - Wade discussed some of the problems with sieves that don't meet the standard. They should be checked for example with an optical reader. They also plug up and get overloaded and can give false results.
8. Next meeting date. **Thursday, December 19, 2002.**

TO :

Dario Alvarez	Pioneer Oil Co.
Scott Andrus	Region 3 Materials
Wade Betenson	Atser
Tim Biel	Materials Division
Tim Bochnowski	Holcim Cement Co.
Lawrence Buss	Construction Division
John Butterfield	Region 2 Materials
Tom Case	Granite Construction Co.
Stephane Charmot	Koch Asphalt Co.
Bob Crunk	Holcim Cement Co.
Rob Duncan	Ash Grove Cement Company
Troy Dunsmore	QC Testing
Ave Forseth	Pioneer Oil Co.
Larry Gay	Region 4 Materials
Darrell Giannonatti	Construction and Materials Divisions
Jim Golding	Geneva Rock Co.
Jerry Hall	Geneve Rock Co.
Craig Haskell	Region 3
Bruce Hutchinson	ICS
Joe Johnson	Geneva Rock Co.
Karen Kiggins	Heckett MultiServ
Hugh Kirkham	Construction Division
Todd Laker	Holcim Cement Co.
Richard Laubsch	FHWA
Bill Lawrence	Materials Division
Fred McGregor	Granite Construction Co.
Mitzi McIntyre	ACPA
Lou Nicoletti	Alta View Concrete
Steven Park	Region 2 Materials
Cameron Petersen	Materials Division
Troy Peterson	Materials Division
Murari Pradhan	Materials Division
Greg Punske	FHWA
Mohammad Rahman	GARCO Testing
Tim Rose	Region 2 Construction
Dennis Simper	Region 1 Construction
Rodney Terry	Region 1 Materials
Rich Thorn	Utah AGC
Bob Tromble	ISSA
Karl Verhaeren	Region 4 Construction
Glenn Waite	Tri-State Testing Lab
Douglas Watson	CMT
Robert Westover	Region 3 Construction
Chris Winkler	Trinidad Lake Asphalt
Grant Wiley	Region 3 Materials
Brooke Williams	Holcim Cement Co.
Mont Wilson	Granite Construction Co.
Mike Worischek	Staker Paving/Parson Co.
Scott Yates	Pioneer Oil Co.

AGENDA
Utah Pavement Council
Thursday, December 19, 2002

1:00 PM UDOT Complex
Next to the Large Conference Room, First Floor
4501 South 2700 West
Salt Lake City, UT 84101

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|-------------|---|
| 1:00 - 1:20 | 1. Welcome- Howard Anderson
Summary: |
| 1:20 - 1:35 | 2. National Partnership For Highway Quality Award - Howard Anderson - The Utah Pavement Council received the Silver award. A short summary of the events will be provided.
Summary: |
| 1:35 - 2:00 | 3. Up date on task force for 02969 - Optional Use of Reclaimed Asphalt Pavement (PG Grade Projects Only) - Cameron Petersen, Murari Pradhan. This specification was mailed to you as part of the attachments for review in preparation for our discussion.
Summary: |
| 2:00 - 2:30 | 4. Untreated Base Course Specification - Tim Biel
This specification was mailed to you as part of the attachments for review in preparation for our discussion.
Summary: |
| 2:30 - 2:45 | BREAK |
| 2:45 - 3:15 | 5. Other Items:
Summary: |
| 3:15 - 3:30 | 7. Other Items:
Summary: |
| 3:30 - 4:00 | 8. End Meeting: Next meeting date. Wednesday, January 15, 2003. |